

Data File : VU035648.D
Acq On : 06 Nov 2019 15:32
Operator : JC/SP
Sample : K5716-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE888

Quant Time: Nov 07 04:51:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 07 04:46:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.30	114	633979	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	603158	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	160087	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	167708	32.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.50%
7) Chloroethane-d5	1.94	69	165640	40.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.02%
11) 1,1-Dichloroethene-d2	2.60	63	230191	28.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.82%#
21) 2-Butanone-d5	4.70	46	274204	91.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.68%
24) Chloroform-d	5.12	84	364361	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.14%
26) 1,2-Dichloroethane-d4	5.75	65	225140	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.96%
32) Benzene-d6	5.78	84	745694	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.86%
36) 1,2-Dichloropropane-d6	6.74	67	249648	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.92%
41) Toluene-d8	7.93	98	666833	44.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.94%
43) trans-1,3-Dichloropropene-	8.22	79	107353	45.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.42%
47) 2-Hexanone-d5	8.68	63	170537	87.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.27%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	336756	46.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.90%
64) 1,2-Dichlorobenzene-d4	12.22	152	165308	51.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

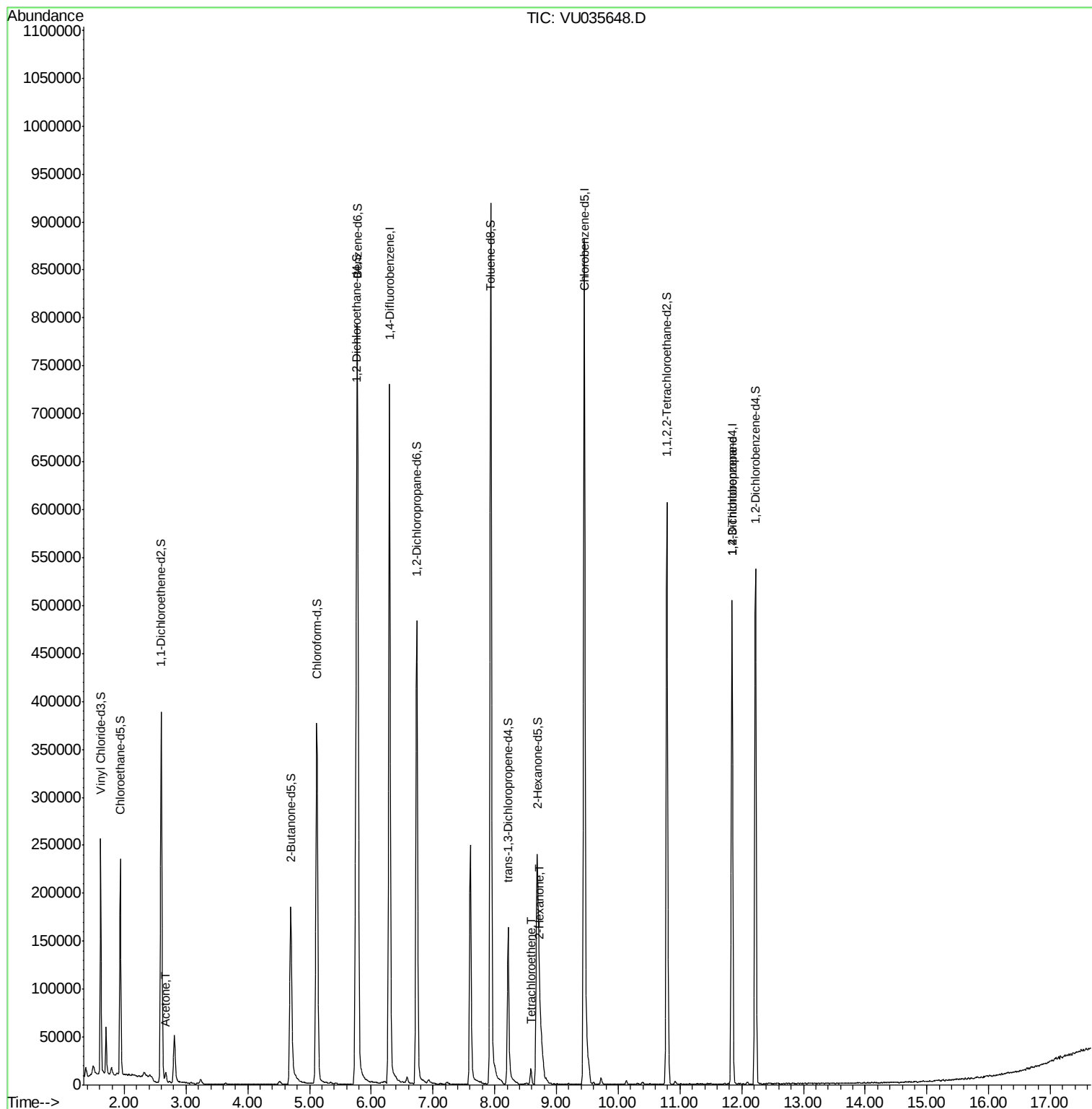
					Qvalue
13) Acetone	2.67	43	10170	3.865 ug/L	93
46) Tetrachloroethene	8.58	164	3968	1.101 ug/L	93
48) 2-Hexanone	8.74	43	19689	3.987 ug/L #	78
59) 1,2,3-Trichloropropane	11.84	75	17340	2.930 ug/L	95

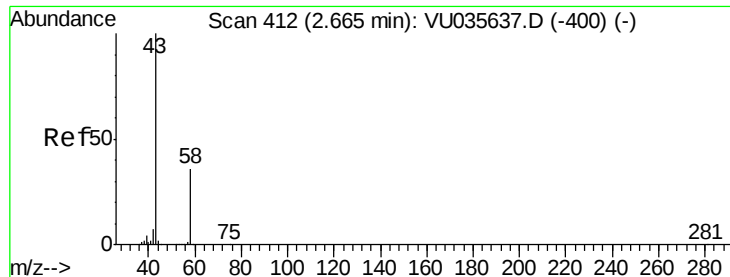
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.865 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

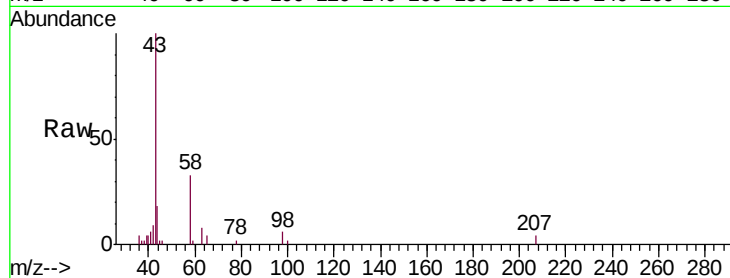
BE888

Tgt Ion: 43 Resp: 10170

Ion Ratio Lower Upper

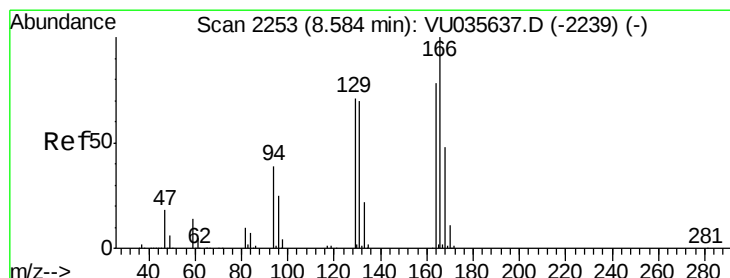
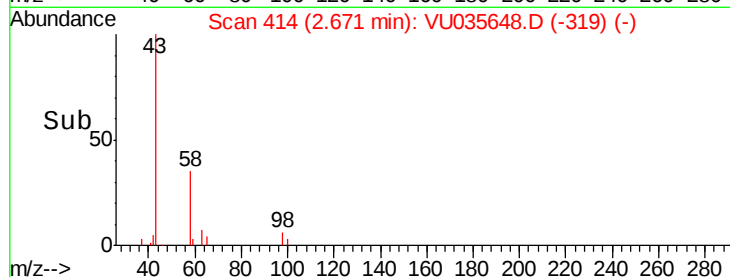
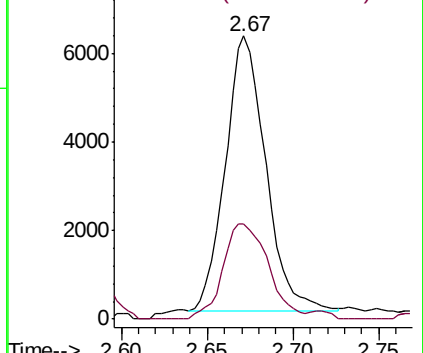
43 100

58 38.8 0.0 70.0



Abundance Ion 43.00 (42.70 to 43.70): VU035637.D (-400) (-)

Ion 58.00 (57.70 to 58.70): VU035637.D (-400) (-)



#46

Tetrachloroethene

Concen: 1.101 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU035648.D

Acq: 06 Nov 2019 15:32

Tgt Ion: 164 Resp: 3968

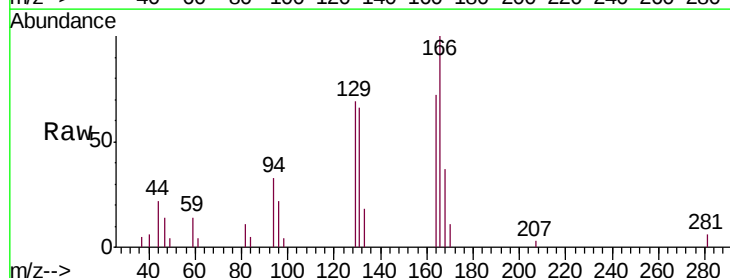
Ion Ratio Lower Upper

164 100

129 96.4 64.1 119.1

131 91.9 63.1 117.1

166 138.9 88.5 164.3

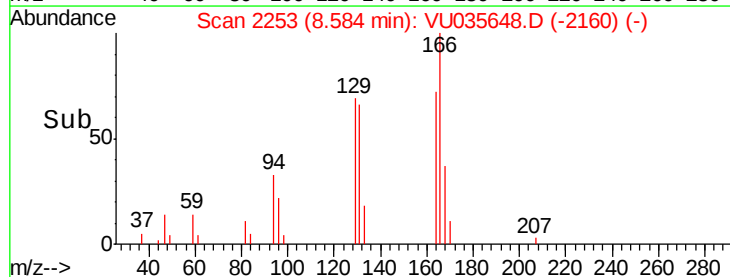
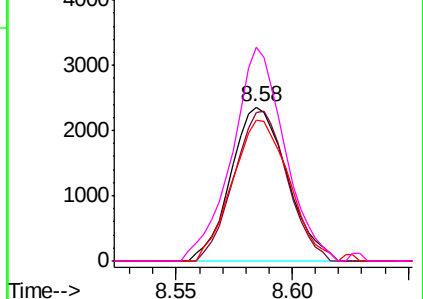


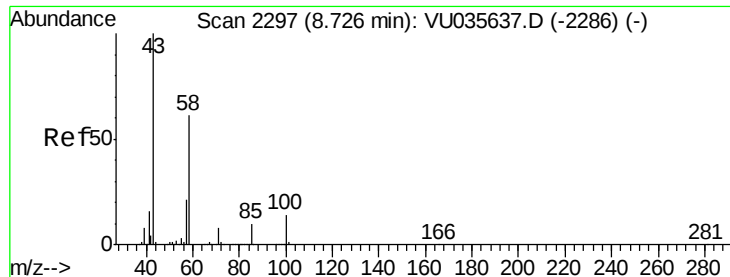
Abundance Ion 164.00 (163.70 to 164.70): VU035637.D (-2239) (-)

Ion 129.00 (128.70 to 129.70): VU035637.D (-2239) (-)

Ion 131.00 (130.70 to 131.70): VU035637.D (-2239) (-)

Ion 166.00 (165.70 to 166.70): VU035637.D (-2239) (-)

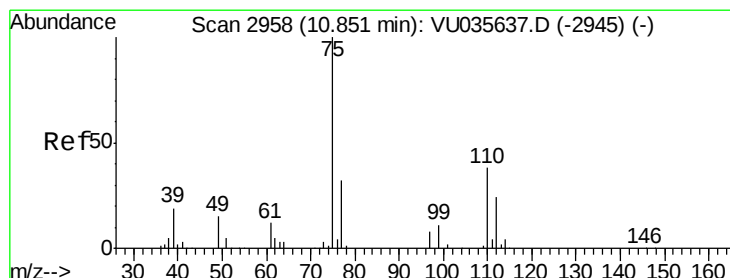
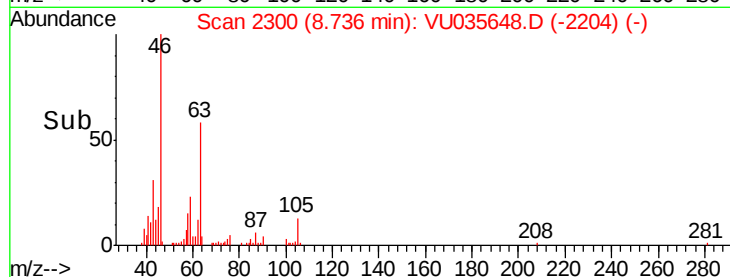
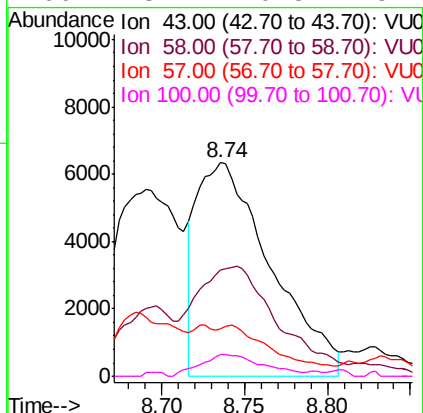
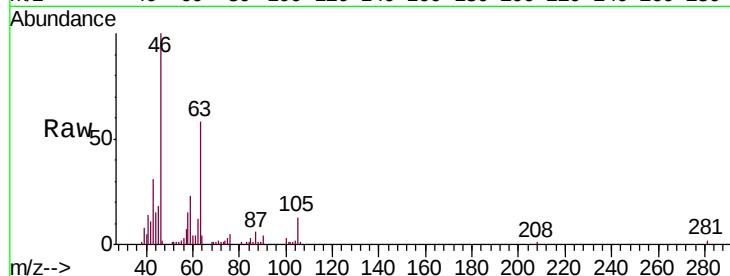




#48
 2-Hexanone
 Concen: 3.987 ug/L
 RT: 8.74 min Scan# 2300
 Delta R.T. 0.01 min
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Tgt Ion: 43 Resp: 19689
 Ion Ratio Lower Upper
 43 100
 58 50.4 50.4 75.6
 57 0.8 17.4 26.0#
 100 8.7 10.5 15.7#



#59
 1,2,3-Trichloropropane
 Concen: 2.930 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
 Lab File: VU035648.D
 Acq: 06 Nov 2019 15:32

Tgt Ion: 75 Resp: 17340
 Ion Ratio Lower Upper
 75 100
 77 34.6 25.7 38.5

